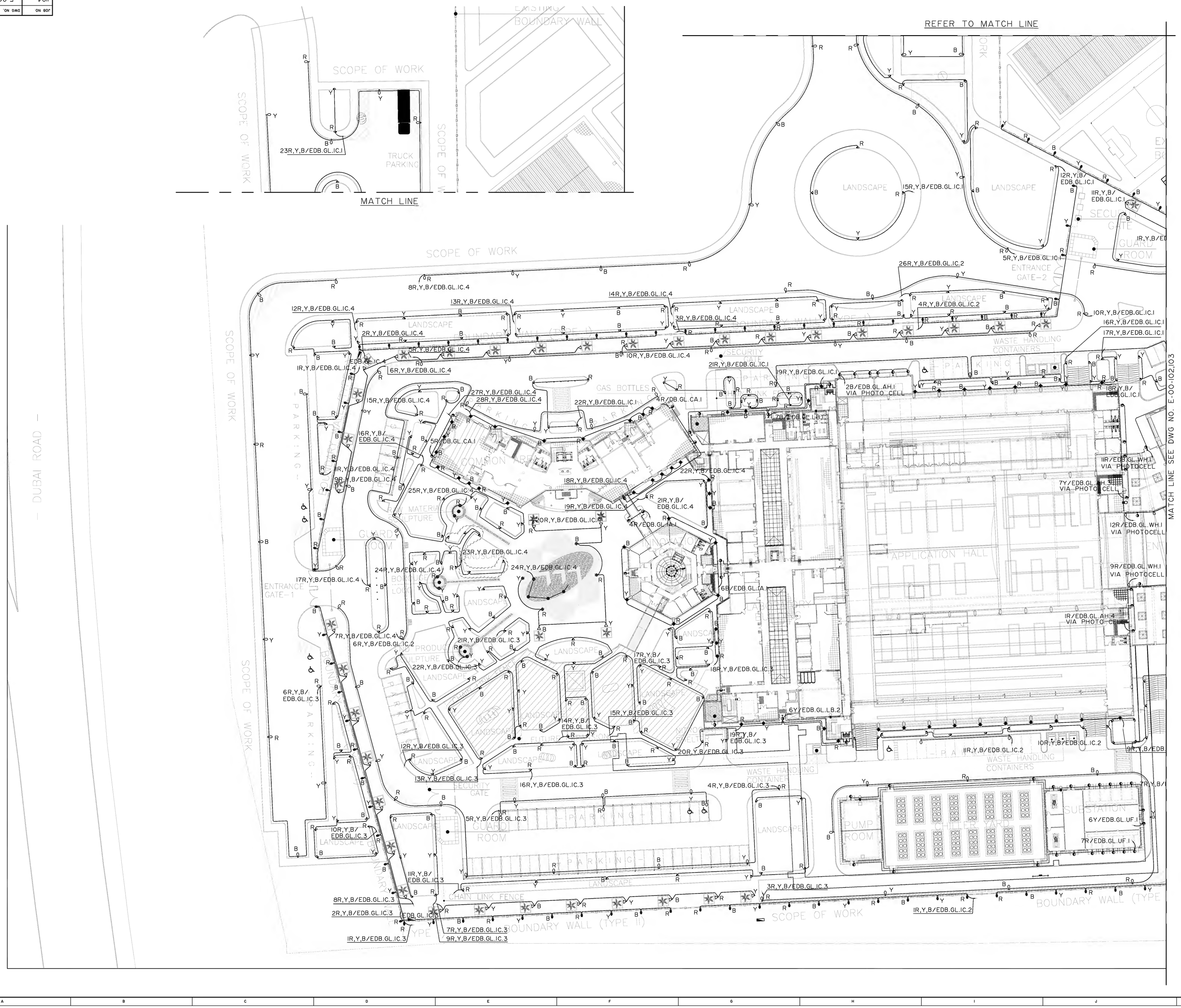
JOB NO	DWG NO.
1194	E-00-101



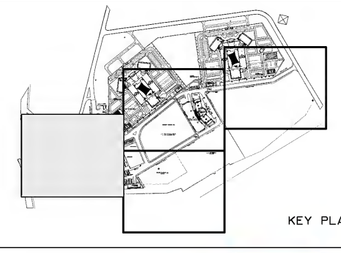
REFERENCE DRAWINGS	DWG NO.

LEGEND:-

TYPE	SYMBOLS	DESCRIPTION
F1		SINGLE POLE - TOP LUMINAIRE WITH 1X150W HPS LAMP IP65 LUMINAIRE, BODY MADE OF DIE CAST ALUMINUM.
F2		WALL MOUNTED LIGHTING FIXTURE WITH 1x26W, IP65 , COMPACT FLUORESCENT LAMP, BODY MADE OF DIE CAST ALUMINUM.
F3		LIGHTING BOLLARD STANLEES STEEL CRYSTAL BUBBLE GLASS,IP65, 60W INCANDESCENT LAMP, BODY MADE OF STAINLESS STEEL.
F4		DRIVE-OVER UPLIGHT FIXTURE WITH 1x150W, IP67, METAL HALIDE LAMP, BODY MADE OF DIE CAST ALUMINUM.
F5		DRIVE-OVER UPLIGHT FIXTURE WITH 1x70W, IP67 , METAL HALIDE LAMP, WITH A BLUE FILTER MADE OF DIE CAST ALUMINUM.
F6		COMPACT UNDERWATER RECESSED PROJECTOR FOR WALL OF THE WATER CASCADE, IP68, CLASS III. THE BODY AND FLANGE ARE MADE OF COPPER ALLOY WITH LENS OF TOUGHENED GLASS. THE FIXTURE IS FITTED WITH OT 12-ox, 50W, 12V LOW VOLTAGE HALOGEN LAMP COMPLETE WITH ALL NECESSARY ACCESSORIES REQUIRED FOR PROPER OPERATION. THE FIXTURE SHALL BE SUPPLIED WITH THE 230/12V, 100VA REMOTE TRANSFORMER, IP54, CLASS II.
F7		TREE SPOTLIGHTS IP67 WITH 1x100W. PAR 38 LAMP WITH EARTH SPIKES MOVE THROUGH 180 DEGREE, BODY MADE OF DIECAST ALUMINUM AND PAINTED WITH POLYESTER ELECTROSTATIC POWDER COAT.
		FEEDER PILLAR
		(4x6)mm2 COPPER CABLE CU/XLPE/SWA/PVC +(1x6mm2 COPPER CABLE CU/XLPE DIRECT BURIED UNDER GROUND

NOTE:

1- THE CONTRACTOR SHOULD COORDINATE THE FINAL LOCATION OF THE OUTDOOR LIGHTING FIXTURES WITH THE LANDSCAPE AND IRRIGATION WORKS.
2- FINAL COLOR OF THE OUTDOOR LIGHTING FIXTURES SHALL BE SUBJECT TO THE LANDSCAPE DESIGNER APPROVAL.
3- ALL CONNECTION BOXES INSTALLED OUTDOOR SHOULD BE WATER TIGHT BOXES (MIN. IP-66).
4- ALL THE OUTDOOR CABLES USED TO FEED THE OUTDOOR LIGHTING FIXTURES SHALL BE IN UPVC CONDUITS WITH ALL THE REQUIRED PROTECTION.
5- All THE OUTDOOR INSTALLATIONS SHALL BE DONE ACCORDING TO DEWA REGULATIONS.
6- THE CONTRACTOR SHALL SUPPLY ALL THE FIXTURES COMPLETE WITH ALL ACCESSORIES REQUIRED FOR INSTALLATIONS AND PROPER OPERATION WITHOUT ANY COST IMPLICATION ON THE CONTRACT.
7- ALL THE OUTDOOR LIGHTING FIXTURES BODIES SHALL BE EARTHED.
8- WIRING OF EACH THREE PHASE OUTDOOR LIGHTING CIRCUIT SHALL BE BY (4x6)+1x6mm2 (UNTIL OTHERWISE INDICATED IN THE S.L.D) INSULATED AND BURIED UNDER GROUND.
9- CONDUITS IN CONCRETE ENCASEMENT SHALL BE USED FOR CROSSING WALKWAYS AND DRIVEWAYS
10- ALL OUTDOOR LIGHTING CONTROL SHALL BE VIA PHOTOCELL AND TIMER CONTROL AID OVERRIDED BY MEANS OF BMS



CLIENT :

أدنوك
ADNOC
شركة بترول أبوظبي الوطنية

PROJ APPROVED	TEAM	JOB ENG	CHK	BY	REVISIONS	DATE	REV NO.
G.F	M.F	K.S	A.G	M.N	ISSUED FOR TENDER	26/11/08	0

PROJECT :

BOROUGE INNOVATION CENTER
IN ABU DHABI
AGREEMENT NO:115984DI - PROJECT NO.5984

END USER :

بروج
Borouge

CONSULTANT :

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SITE LAYOUT

LANDSCAPE LIGHTING PLAN

SITE LAYOUT - PART 1

SCALE	JOB NO.	DWG NO.	REV NO.
1/500	1194	E-00-101	0

A1

FILENAME